

Newborn Screening Quality Assurance Program

Galactose-1-phosphate Uridyltransferase (GALT)
Quality Control Specimen Certification
Set 2– July 13, 2014

GALT ENZYME ACTIVITY LEVELS

<i>Analyte</i>	<i>Lot</i>	<i>Low</i>	<i>Lot</i>	<i>Intermediate</i>	<i>Lot</i>	<i>High</i>
Galactose-1-phosphate Uridyltransferase (GALT) (U/g Hb)	1331	Deficient	1332	Partial	1333	Normal

ANALYTICAL INFORMATION

<i>Analyte</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>
GALT (U/g Hb)	1331	$\bar{x} = 1.5$ CL = 1.3 – 1.6	1332	$\bar{x} = 3.5$ CL = 2.9 – 4.2	1333	$\bar{x} = 8.2$ CL = 6.5 – 9.8

Note: The values provided in the above tables are for reference use only. The mean value and confidence limits (CL) are determined by CDC for each Quality Control (QC) lot. Each participating laboratory must establish its own mean values and CL for its test method with these QC materials. Temporary estimates of mean values and CL can be determined after 10 successive, independent measurements. *Slazyk WE, Hannon WH. Quality Assurance in the Newborn Screening Laboratory. In: Therrell BL Jr, editor. Laboratory Methods for Neonatal Screening. Washington (DC): American Public Health Association, 1993:23-46.*